RAW SEQUENCE LISTING PATENT APPLICATION US/09/007,093

DATE: 02/24/98 TIME: 11:44:36

INPUT SET: S23619.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

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WTERED
1
2
           General Information:
3
    (1)
 4
         (i) APPLICANT: Anand, Naveen N
5
        Barber, Brian H
6
        Cates, George A
7
        Caterini, Judith E
 8
        Klein, Michel H
 9
10
        (ii) TITLE OF INVENTION: CHIMERIC ANTIBODIES FOR DELIVERY OF
11
        ANTIGENS TO SELECTED CELLS OF THE IMMUNE SYSTEM
12
13
        (iii) NUMBER OF SEQUENCES: 20
14
15
         (iv) CORRESPONDENCE ADDRESS:
16
       (A) ADDRESSEE: Sim & McBurney
17
       (B) STREET: Suite 701, 330 University Avenue
18
       (C) CITY: Toronto
19
       (D) STATE: Ontario
20
       (E) COUNTRY: Canada
21
22
       (F) ZIP: M5G 1R7
23
          (V) COMPUTER READABLE FORM:
24
       (A) MEDIUM TYPE: Floppy disk
25
       (B) COMPUTER: IBM PC compatible
26
       (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27
       (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28
29
         (vi) CURRENT APPLICATION DATA:
30
       (A) APPLICATION NUMBER:
31
       (B) FILING DATE:
32
       (C) CLASSIFICATION:
33
34
        (vii) PRIOR APPLICATION DATA:
35
       (A) APPLICATION NUMBER: US 08/483,576
36
       (B) FILING DATE: 07-JUN-1995
37
38
       (viii) ATTORNEY/AGENT INFORMATION:
39
       (A) NAME: Stewart, Michael I
40
       (B) REGISTRATION NUMBER: 24,973
41
       (C) REFERENCE/DOCKET NUMBER: 1038-765
42
43
         (ix) TELECOMMUNICATION INFORMATION:
44
       (A) TELEPHONE: (416) 595-1155
 45
       (B) TELEFAX: (416) 595-1163
 46
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99

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47 48 49	(2) INFORMATION FOR SEQ ID NO:1:	
50 51 52 53 54 55 56 57	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 387 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
59 60	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:	
61 62		60
63	ATGGACATGA GGGTTCCTGC TCACGTTTTT GGCTTCTTGT TGCTCTGGTT TCCAGGTACC	
64 65	AGATGTGACA TCCAGATGAC CCAGTCTCCA TCCTCCTTAT CTGCCTCTCT GGGACAAAGA	120
66		180
67 68		240
69	AAACCAGATG GAACTATTAA ACGCCTGGTC TACGCCGCGT CCACTTTAGA TTCTGGTGTC	200
70 71	CCAAAAAGGT TCAGTGGCAG TAGGTCTGGG TCAGATTATT CTCTCACCAT CAGCAGCCTT	300
72	GAGTCTGAAG ATTTTGCAGA CTATTACTGT CTACAATATA CTAATTATCC GCTCACGTTC	360
73 74		387
75	GGTGCTGGGA CCAAGCTGGA GCTGAAA	
76 77	(2) INFORMATION FOR SEQ ID NO:2:	
78	(i) SEQUENCE CHARACTERISTICS:	
79 80	(A) LENGTH: 129 amino acids	
81	(B) TYPE: amino acid	
82	(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
83 84	(D) TOPOLOGI: IIncar	
85		
86		
87 88		
89	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	
90	Met Asp Met Arg Val Pro Ala His Val Phe Gly Phe Leu Leu Trp	
91 92	10 15 15 10 15 15 15 15 15 15 15 15 15 15 15 15 15	
93	Phe Pro Gly Thr Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ser Ser	
94	phe Pro Gly Thr Arg Cys Asp Tie Gin Mot 200	
95 96	20	
97	Leu Ser Ala Ser Leu Gly Gln Arg Val Ser Leu Thr Cys Arg Ala Ser	
98	35 ***	

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PAGE: 3 INPUT SET: S23619.raw Gln Glu Ile Ser Gly Tyr Leu Thr Trp Leu Gln Gln Lys Pro Asp Gly Thr Ile Lys Arg Leu Val Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val Pro Lys Arg Phe Ser Gly Ser Arg Ser Gly Ser Asp Thr Ser Leu Thr Ile Ser Ser Leu Glu Ser Glu Asp Phe Ala Asp Tyr Tyr Cys Leu Gln Tyr Thr Asn Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys (2) INFORMATION FOR SEQ ID NO:3: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 420 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3: CAGGTGCAGC TGAAGGAGTC AGGACCTGGC CTGGTGGCGC CCTCACAGAG CCTGTCCATC ACTTGCACTG TCTCTGGGTT TTCATTAACC AGCTATGGTG TACACTGGGT TCGCCAGCCT CCAGGAAAGG GTCTGGAGTG GCTGGGAGTA ATATGGGCTG GTGGAAGCAT AAATTATAAT TCGGCTCTCA TGTCCAGACT GAGCATCAGC AAAGACAACT TCAAGAGCCA AGTTTTCTTA AAAATGAGCA GTCTGCAAAC TGATGACACA GCCATGTACT ACTGTGCCAG AGCCTATGGT GACTACGTCC ACTATGCTAT GGACTACTGG GGTCAAGGAA CCTCAGTCAC CGCCTCCTCA (2) INFORMATION FOR SEQ ID NO:4: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 140 amino acids

(B) TYPE: amino acid

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			INPUT SET: S23619.raw
	153	(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	154	(D) TOPOLOGI: III.out	
	155		
	156		
	157		
	158	TD 370.44	
	159 160	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
	161	Met Ala Leu Leu Val Leu Phe Leu Ser Leu Ala Ala	Phe Pro Ser Cys
	162	Met Ala Leu Leu Val Leu Phe Leu Ser 10	15
	163	1	
	164	Gly Val Leu Ser Gln Val Gln Leu Lys Glu Ser Gly	Pro Gly Leu Val
	165	Gly Val Leu Ser Gin Val Gin 250 30	
	166		- al- Bho Ser
	167	Ala Pro Ser Gln Ser Leu Ser Ile Thr Cys Thr Val	Ser Gly Phe Ser
	168	Ala pro Sei Gin 501 45	
	169	35 *** Cla Pro	Pro Gly Lys Gly
	170	Leu Thr Ser Tyr Gly Val His Trp Val Arg Gln Pro	110 017 -1
	171	EV 22	
****	172 173	Leu Glu Trp Leu Gly Val Ile Trp Ala Gly Gly Ser	Ile Asn Tyr Asn
	174	Leu Glu Trp Leu Gly Val IIe Tip Ala Gly 75	80
IJ	175	65	
	176	Ser Ala Leu Met Ser Arg Leu Ser Ile Ser Lys Asp	Asn Phe Lys Ser
	177		
7. 7	178		mb~ ala Met
	179	Gln Val Phe Leu Lys Met Ser Ser Leu Gln Thr Asy	Asp THI Ala Mee
ű	180		
	181	100	Tur Ala Met Asp
	182	Tyr Tyr Cys Ala Arg Ala Tyr Gly Asp Tyr Val His	-1
	183 184	115	
įl.	185		r
-	186	Tyr Trp Gly Gln Gly Thr Ser Val Thr Ala Ser Se	
	187	130	
.F	188	TOP GEO TO NO:5:	
	189	(2) INFORMATION FOR SEQ ID NO:5:	
	190	(i) SEQUENCE CHARACTERISTICS:	
	191	(A) LENGTH: 34 amino acids	
	192	(B) TYPE: amino acid	
	193	(C) STRANDEDNESS: Single	
	194 195	(D) TOPOLOGY: linear	
	196	(-7	
	197		
	198		
	199		
	200	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
	201	(X1) SEQUENCE DESCRIPTION 2	ml more fore hen
	202	Gly Pro Lys Glu Pro Phe Arg Asp Tyr Val Asp A	rg Pne Tyr Lys Ash
	203		1.0
	204	1	
	205		

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	INPUT SET: S25017.14W	
206	Lys Arg Lys Arg Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Inc	
	20 25	
	Lys Asn	
211	TO NO.64	
212	(2) INFORMATION FOR SEQ ID NO:6:	
213	GUADA CHEDI CHI CC.	
214	(i) SEQUENCE CHARACTERISTICS.	
215	(A) LENGTH: 108 base pairs	
216	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: SINGLE	
	(D) TOPOLOGY: IIHear	
	(vi) SEQUENCE DESCRIPTION: SEQ ID NO:6:	
	(XI) SEQUENCE SEE)
	CCTCCTAAAG AACCTTTTAG AGACTATGTT GATAGGTTTT ATAAGAATAA GAGGAAGAG	
	1 ^ ^	3
	ATACATATAG GGCCTGGTAG GGCTTTTTAT ACTACTAAGA ATTAATAA	
	(2) INFORMATION FOR SEQ ID NO:7:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 60 base pairs	
234	(B) TYPE: nucleic acid	
235	(C) STRANDEDNESS: Single	
236	(D) TOPOLOGY: linear	
237		
	(SEQUENCE DESCRIPTION: SEQ ID NO:7:	
		n
	CATTATEGRAT CCGGTCCTAA AGAACCTTTT AGAGACTATG TTGATAGGTT TTATAAGAAT	•
-	CATTATOON	
	(2) INFORMATION FOR SEQ ID NO:8:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 51 base pairs	
	(B) TYPE: nucleic acid	
252	(C) STRANDEDNESS: single	
253	(D) TOPOLOGY: linear	
254		
255		
258		
	212 213 214 215 216 217 218 220 221 222 223 224 225 227 228 229 231 232 233 234 235 240 241 242 243 244 245 246 247 248 249 251 251 251 251 251 251 251 251 251 251	Lys arg Lys arg Ile His Ile Gly Pro Gly arg Ala Phe Tyr Thr Thr 207 208

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